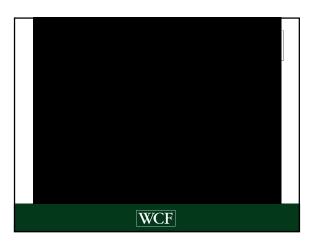
Behavioral Safety

WCF



Behavioral Safety

Objective: Use Behavioral Safety concepts to reduce the frequency and severity of workplace accidents, injuries and illnesses

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Behavioral Safety

Concepts Emphasized to increase safety awareness:

- Observation Checklists & Reports
- Employee involvement
- Positive consequences
- Recognition
- Safety Sharing

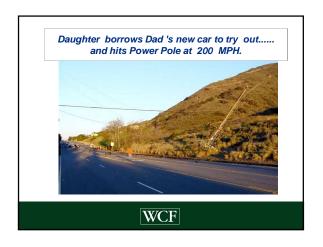
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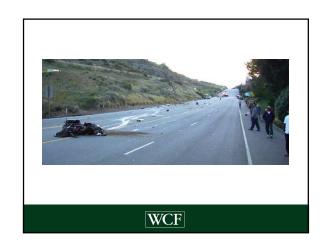
Unsafe behaviors cause most injuries

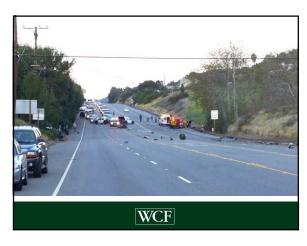
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New Ferrari for Dad \$1,000,000

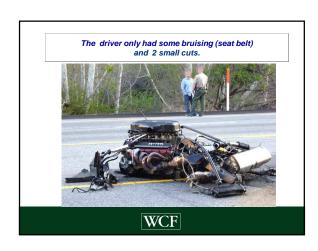




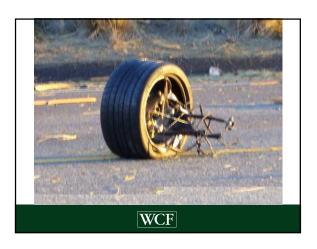


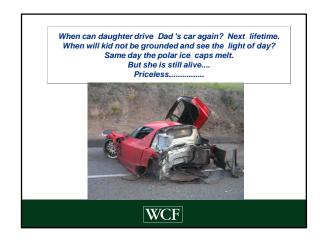


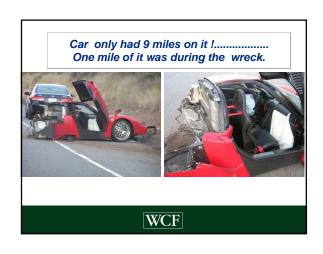


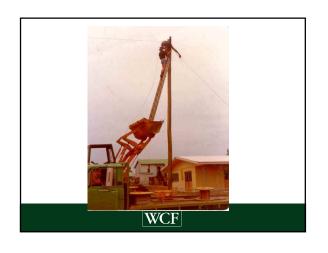




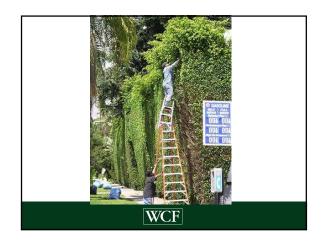




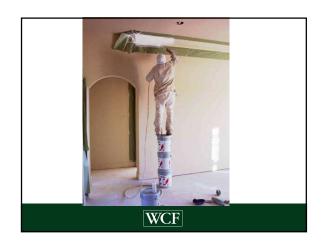


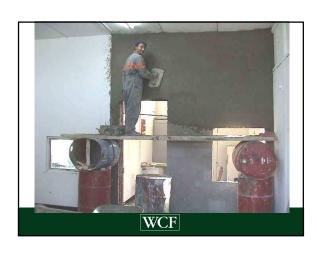


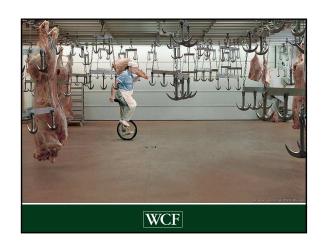




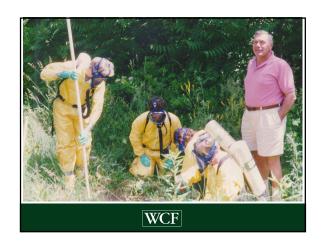


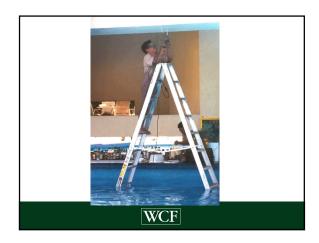


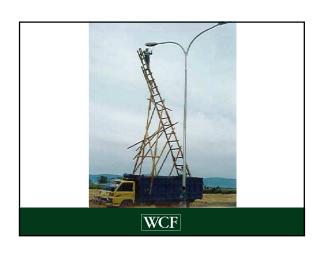


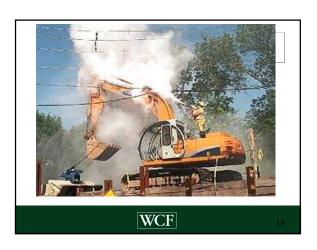




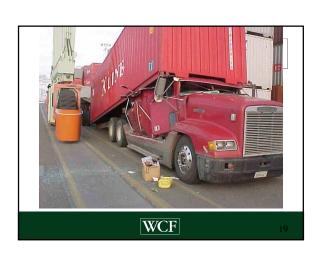




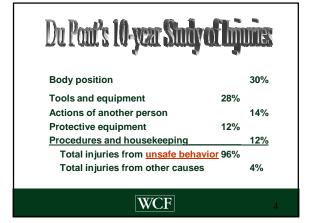












What motivates employees to take risks?

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METAL/NONMETAL MINE FATALITY - On May 3, 2008, a 51 year-old mine owner with 45 weeks experience was fatally injured at a surface sand and gravel operation. He was working alone, operating an excavator on the water-covered floor of the pit, attempting to clean a clogged drainage ditch. When the victim moved the excavator, one of the crawler tracks fell into an 8-foot deep sump hole that was not visible due to the high water. The excavator fell on its side, trapping him inside the cab.



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Traditional Salety Approach to solve these problems

- · Management takes responsibility
- · New rules and regulations are put in place
- · Violations must be reported
- · Disciplinary action
- "Big Stick" approach (force to comply)
- · Measures success by # of accidents
- · Will achieve some improvement

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Where is your emphasis?

Behaviorist's believe that

Failures

it should be on **Achievements**

Injuries and accidents

Safety suggestions

Use of PPE

Safety Committee

Good housekeeping

Safety observations

Employee input participation

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Components involved in safetv.

• People (morale, training, skills, experience, attitude, behaviors, motivation)

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- Equipment (guarding, maintenance, age, condition)
- Environment (cleanliness, organized,
- Culture (leadership, concern for employees, atmosphere)

All of them need some emphasis

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Many safety programs give most attention to equipment and the environment.

More focus needs to be on people and especially behaviors!

Do you have an incentive program? Many...Zero Injury Safety Incentives

- Discourage reporting
- May be rewarding unsafe actions
- Focus on failure
- Reinforce that safety is punitive
- Deflate morale
- Don't correlate actions and outcome

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The Behavioral Approach

"Behavioral safety can further reduce the occurrence of injuries as much as **50**%"

-Dr.Terry McSween (Behavioral Expert)

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Behavior definition:

Behavior is an observable act.

Behavior is not personality, attitude, or intelligence, although these may affect behavior.

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What influences our behavior?

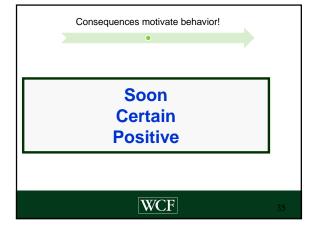
- Employee Ability Knowledge Skill
- Corporate Culture Training Procedures

Rules

Reinforcement

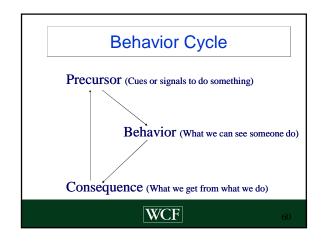
 Employee Attitude Personal beliefs Feelings Habits

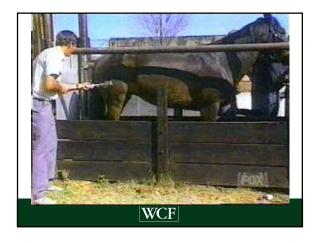




"Staying safe doesn't feel like an accomplishment." Scott Geller"
Most feel it won't happen to them.
More experience brings short cuts
Convenient bad habits continue because a person will rarely have an injury.
So what can we do?
We take advantage of consequences!

Consequence Structure Positive We get wanted results We avoid unwanted results Negative We get unwanted results We don't get wanted results Actions are the result





Scott Geller Suggests: That we actively care about safety. We should be "Looking out for the safety of others as well as ourselves. Even if we don't know them." Give positive reinforcement for the desired behaviors.

What are positive reinforcements?

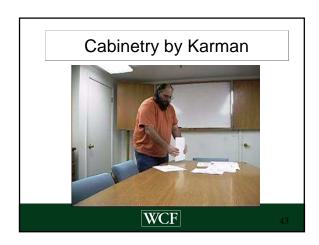
- Thank you.
- Recognition in any form.
- Small incentive award.
 - Gift card
 - Company mug

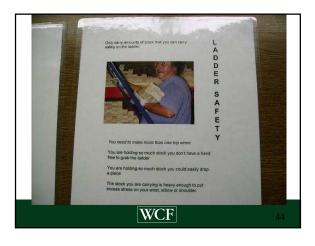
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- "Safety is not just a matter of following rules.
- When rules are the main emphasis people feel controlled.
 - People will act to assert their freedom.
 - They want to feel in control". Scott Geller

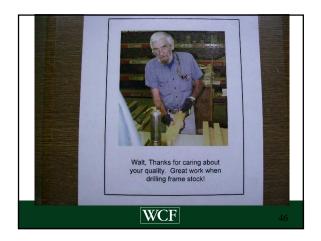
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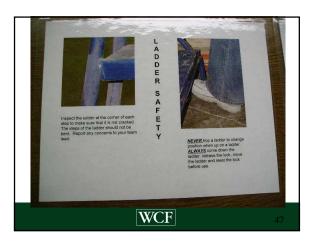
- When they are involved they feel in control.
 - They will work even harder to make it successful.

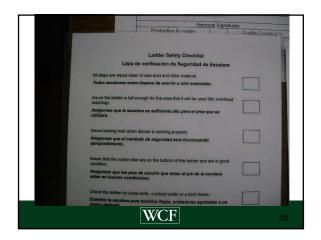


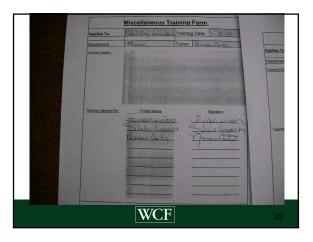


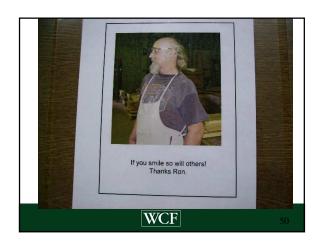


















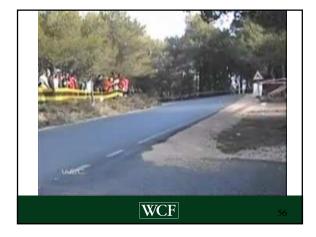
You can help employees realize their safety successes!

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"Most employees would rather work to achieve success than work to avoid failure."

-Dr. Scott Geller

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What brings about a negative outcome?...

- If we don't evaluate the processes we can't correct discrepancies
- Process discrepancies create compromise
- Compromise creates process breakdowns
- Process breakdowns create unintended outcomes (Incidents)



Areas with potential for improvement

- **People** (morale, training, skills, experience, attitude, behaviors, motivation **Educate**
- Equipment (guarding, maintenance, age, condition) → Engineer
- Culture (leadership, concern for employees, atmosphere) Consequences

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In a Traditional Safety Structure:

- · Hazards are identified and corrected
- Emphasis is on fixing problems
- Managers and Supervisors take most of the responsibility for defining the "safe" environment and maintaining it
- Rules outline what is acceptable
- People follow rules because they are forced to

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Traditional + Behavioral Safety = positive safety culture

When you combine a traditional safety program with a behavioral safety process you build a positive safety culture

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A Behavioral Safety Process is set up so that:

- Everyone participates in defining safe work practices and determining those that are most critical.
- Performance is measured through peer to peer observation and is tracked over time.
- Performance is achieved through feedback.

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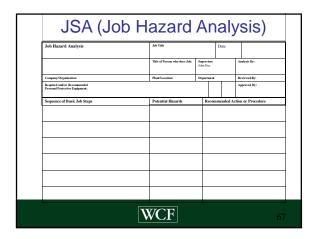
A Behavioral Safety Process:

- Focuses on utilizing systems that support high performance
- Creates a culture where people work safely because they want to and because their coworkers want them to
- People develop habits that do not put them at risk
- Is continually improving
- Will create a continuous desire within the people to achieve higher level of safety.

In Behavioral Safety...

- Safety serves as the driving principle for everyone
- Everyone takes responsibility for their own safety and the safety of others
- Achievements are recognized and celebrated often
- Success is measured by looking at safety and production.





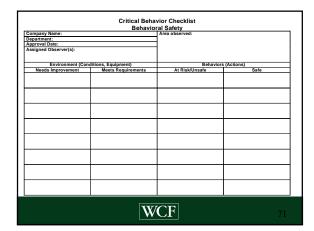
Thank employees for being safe...

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Radiness for Behavioral Series

- Management support
- Ready to try new ideas
- A trusting work environment/culture
- Open communication exists
- Willingness to take necessary time for training
- Genuine concern for the safety of employees



		tion Report oral Safety	
Company Name:	Bellavio	Area observed:	
Department:		Date:	
Observer:		İ	
Environment (Conditions, Equipment)		Behaviors (Actions)	
Needs Improvement	Meets Requirements	At Risk/Unsafe	<u>S</u> afe
# of NI Observations	# of MR Observations	# of ARU Observations	# of S Observations
	bservations (NI + MR)		Observations (ARU + S)
Meets Requirements % [(MR/TEO) X 100]%		Safe Behaviors % [(S/TBO) X 100]	
		At Risk Behaviors % [(ARU/TBO) X 100]	
Comments:		Comments:	
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Critical Behavior Checklist

- What types of accidents are the most frequent?
- What types of accidents are the most severe?
- What conditions contributed?
- What behaviors contributed?
- What changes will be made?

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Involve employees in goal setting.

Many companies do not even have goals related to safety.





"People don't care how much you know until they know how much you care".

Safety Share*

- Moderator starts meeting describing what he/she did safely.
- Employees take turns and "share" what they did safely since the last meeting.
- Provide a simple recognition item (candy or whatever the budget allows).
- Thank employees for their safe behaviors.
- Ask the group what they learned.
- Ask the group how they can be more safe in the future.

*Adapted from "Working Safe" by E. Scott Geller

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Safety Share*

- Benefits
 - Safety is seen as an achievement
 - All can participate
 - Everyone learns from each other
 - Safe behaviors are encouraged and reinforced
 - Little planning time needed to have a very effective safety meeting
 - This safety approach will be remembered by employees

*Adapted from "Working Safe" by E. Scott Geller

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- ★ Identify values
- * Conduct a safety assessment
- * Present a behavioral safety workshop for management
- * Put together a "design team"
- # Create the safety observation process
- Develop feedback and involvement procedures
- ♦ Establish safety incentives
- ♦ Implement behavioral safety process
- Maintain the momentum and evaluate the progress

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Resources

- "Working Safe" (Geller)
- "The Values-Based Safety Process" (McSween)
- "Current Issues In Behavior-Based Safety" (Krause)
- J.J. Keller
- "Behavioral Safety Now" conferences
- Various "Professional Safety" articles

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